



FLYOVER TECHNOLOGY

HIGH LEVEL DESIGN

Version 1.0

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Functional Overview

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Work Process Diagram

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End User Components

1. General overview
2. Operating systems
3. Operating hardware
4. Software structure design (engineering issues)
5. Future use design issues
6. Thin client limitations
7. First time download & installation
8. Automatic version upgrading
9. Man machine interface design



Server Side Components

1. *General overview*
2. *Functional design*
3. *Operating systems*
4. *hardware & software requirements*
5. *Software structure design (engineering issues)*
6. *Future use design issues*
7. *Billing of merchant per usage approach and design*
8. *Merchant's design tool*
 - 8.1. *Add new region*
 - 8.2. *Add new photo*
 - 8.3. *Link photo and grid/map*
 - 8.4. *Add 2d links*
 - 8.5. *Update existing photos*
9. *Merchant's usage control tool*
 - 9.1. *Calculate monthly dept to flyover inc.*
 - 9.2. *View the following end user statistics:*
 - 9.2.1. *Which photo is used and when*
 - 9.2.2. *Common end user's profile*
 - 9.2.3. *Which links are most commonly used out*
 - 9.2.4. *List of end user's complaints and merchant's response to them*
 - 9.2.5. *High, low and average photo downloading response time.*
10. *Photo's streaming server*
 - 10.1. *Average load requirements*
 - 10.2. *Peak hours load issue*
 - 10.3. *Synchronize with Flyover inc. (for version upgrades and billing data)*

Web interface

1. *Company's web site*
2. *Software downloading area*
3. *Online system demo for new merchants*

General Issue

1. *Security (firewall, hacking, privacy)*
2. *Analytical tools for web activities*
3. *Users' password regulation*
4. *Quality Assurance*
5. *Documentation (functional, User's guide, troubleshooting)*
6. *Production server issues (24*7, online support, software upgrades methods)*



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